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Standard Analog Video Cable

RG-59/U Type



BRILLIANCE®

Jameco Part Number 234070 (9259-010-U500)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

22 AWG Solid Bare Copper-covered Steel • Bare Copper Braid Shield

Polyethylene Insulation • Black PVC Jacket

UL AWM Style 1354 (30V 60°C)	8263	NEC: CMX CEC: CMX	U-500 1000	U-152.4 304.8	19.5 38.0	8.9 17.3	23 AWG (solid) .023" BCCS 49.0Ω/M' 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
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Non-contaminating Black PVC Jacket.

UL AWM Style 1354 (30V 80°C)	9244	NEC: CMX CEC: CMX	U-500 1000 3280	U-152.4 304.8 1000.0	18.0 36.0 118.1	8.2 16.4 53.8	22 AWG (solid) .025" BCCS 50.0Ω/M' 164.0Ω/km	.146	3.71	BC Braid 85% Shield Coverage 4.5Ω/M' 14.8Ω/km	.242	6.15	75	66%	19.4	63.6	1 10 50 100 200 400 700 900 1000	.6 1.1 2.4 3.4 4.9 7.0 9.7 11.1 12.0	2.0 3.6 7.9 11.2 16.1 23.0 31.8 36.4 39.4
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Foam Polyethylene Insulation • Black PVC Jacket

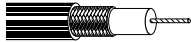
75°C	8221		U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.5 18.5 36.0 36.0	8.4 8.4 16.4 16.4	22 AWG (solid) .025" BCCS 50.0Ω/M' 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	80	78%	16.3	53.5	1 10 50 100 200 400 700 900 1000	.4 .9 2.0 2.9 4.1 5.9 7.8 8.8 9.9	1.4 3.0 6.6 9.5 13.4 19.4 25.6 28.9 32.5
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22 AWG Stranded (7x30) .030" Bare Copper • 95% Bare Copper Braid Shield

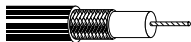
Foam Polyethylene Insulation • Black PVC Jacket

UL AWM Style 1354 (30V 60°C) VW-1	9659	NEC: CMX CEC: CMX	U-500 1000	U-152.4 304.8	18.0 36.0	8.2 16.4	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.6 29.2 33.1 35.8
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Non-contaminating PVC Jacket. For CCTV applications.

UL AWM Style 1354 (30V 80°C)	9259	NEC: CM CEC: CM	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.6 18.5 20.5 36.0 36.0	2.1 8.4 9.3 16.4 16.4	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.241	6.12	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 8.9 10.1 10.9	1.0 3.0 6.9 9.8 14.8 21.7 29.2 33.1 35.8
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For CCTV applications.

Plenum • Foam FEP Insulation • Black FEP Jacket

200°C	89259	NEC: CMP CEC: CMP FT6	100 500† 1000†	30.5 U-152.4 304.8	5.1 18.0 34.0	2.3 8.2 15.5	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1
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Suitable for Outdoor and Direct Burial applications.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

75°C	82259	NEC: CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	31.0 33.0	14.1 15.0	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.0 4.5 6.6 9.0 10.1 11.0	1.0 3.0 6.9 9.8 14.8 21.6 29.5 33.1 36.1
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BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

